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## PATENT ABSTRACTS OF JAPAN

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## (54) CARD TYPE READER

## (57) Abstract:

**PURPOSE:** To make a dedicated data reader unnecessary and to reduce cost by reading a card made of plastic on which data is recorded by a compact disk type recording system by using a circular attachment by a player, etc., and converting it to a form possible to be inputted to a data processor.

**CONSTITUTION:** The data on the card 1 is read by rotating the circular attachment 4 loading the card made of plastic on which the data is recorded by the compact disk type recording system in a compact disk player, a laser disk player 6, or a CD-ROM reader around a rotary shaft 3. And when read data is inputted to the data processor 8 such as a personal computer, etc., it is performed via a data converter 7. In such a way, it is possible to make the reader dedicated for a laser card unnecessary.

